

Attachment to 10/025,335 office Action

SEQUENCE COMPARISON-WO 98/54206

Db 421 CAAGAACCCGGGTTTGCCAAATGATATCAACCGTTGTGTGGCTAATGGTCCTTCTTATA 480
|||||
Qy 581 CAAGAACCCGGGTTTGCCAAATGATATCAACCGTTGTGTGGCTAATGGTCCTTCTTATA 640

Db 481 ATGGTGCCAAATATGATGATTCCCATCAAAGACATCAAGGAAAAGTCAAATGTGGGTTGT 540
|||||
Qy 641 ATGGTGCCAAATATGATGATTCCCATCAAAGACATCAAGGAAAAGTCAAATGTGGGTTGT 700

Db 541 ATGGAGTTTAAAAAGGAATTTGGAAGAAATTGGCATTGCTGACAAATTCATATGTGTA 600
|||||
Qy 701 ATGGAGTTTAAAAAGGAATTTGGAAGAAATTGGCATTGCTGACAAATTCATATGTGTA 760

Db 601 GCAATATTTTAAATTTCTCAGCCATCATTTTAATATCCAATTGCCTTGTAATTCGACAG 660
|||||
Qy 761 GCAATATTTTAAATTTCTCAGCCATCATTTTAATATCCAATTGCCTTGTAATTCGACAG 820

Db 661 CTCTACAGAAACAAAGATAATGAAAATTACCCAAATGTGAAAAGGCTCTCATCAACATA 720
|||||
Qy 821 CTCTACAGAAACAAAGATAATGAAAATTACCCAAATGTGAAAAGGCTCTCATCAACATA 880

Db 721 CTTTTAGTGACCACGGGCTACATCATATGCTTTGTTCTTACCACATTGTCCGAATCCCG 780
|||||
Qy 881 CTTTTAGTGACCACGGGCTACATCATATGCTTTGTTCTTACCACATTGTCCGAATCCCG 940

Db 781 TATACCCTCAGCCAGACAGAAAGTCATAACTGATTGCTCAACCAGGATTTCACTCTTCAA 840
|||||
Qy 941 TATACCCTCAGCCAGACAGAAAGTCATAACTGATTGCTCAACCAGGATTTCACTCTTCAA 1000

Db 841 GCCAAAGAGGCTACACTGCTCCTGGCTGTGTGCAACCTGTGCTTTGATCCTATCCTGTAC 900
|||||
Qy 1001 GCCAAAGAGGCTACACTGCTCCTGGCTGTGTGCAACCTGTGCTTTGATCCTATCCTGTAC 1060

Db 901 TATCACCTCTCAAAGCATTCCGCTCAAAGGTCAGACTTTTGCCTCACCTAAAGAG 960
|||||
Qy 1061 TATCACCTCTCAAAGCATTCCGCTCAAAGGTCAGACTTTTGCCTCACCTAAAGAG 1120

Db 961 ACCAAGGCTCAGAAAGAAAAATTAAGATGTGAAAATAATGCA 1002
|||||
Qy 1121 ACCAAGGCTCAGAAAGAAAAATTAAGATGTGAAAATAATGCA 1162

RESULT 7

ID PCT-US98-10868-33 STANDARD; DNA; UNC; 997 BP.

AC xxxxxx

DT

DE Sequence 33, Application PC/TUS9810868

CC Sequence 33, Application PC/TUS9810868

CC GENERAL INFORMATION:

CC APPLICANT: Human Genome Sciences, Inc., et al.

CC TITLE OF INVENTION: 32 Human Secreted Proteins

CC NUMBER OF SEQUENCES: 120

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: Human Genome Sciences, Inc.

CC STREET: 9410 Key West Avenue

CC CITY: Rockville

CC STATE: Maryland

WO 9854206

CC COUNTRY: USA
 CC ZIP: 20850
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
 CC COMPUTER: HP Vectra 486/33
 CC OPERATING SYSTEM: MSDOS version 6.2
 CC SOFTWARE: ASCII Text
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: PCT/US98/10868
 CC FILING DATE: May 27, 1998
 CC CLASSIFICATION:
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER:
 CC FILING DATE:
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: A. Anders Brookes
 CC REGISTRATION NUMBER: 36,373
 CC REFERENCE/DOCKET NUMBER: PZ006PCT
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (301) 309-8504
 CC TELEFAX: (301) 309-8439
 CC INFORMATION FOR SEQ ID NO: 33:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 997 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: double
 CC TOPOLOGY: linear
 SQ SEQUENCE 997 BP; 302 A; 204 C; 198 G; 287 T; 6 OTHER.

Query Match 71.7%; Score 901; DB 1; Length 997;
 Best Local Similarity 97.7%; Pred. No. 0.00e+00;
 Matches 934; Conservative 3; Mismatches 15; Indels 4; Gaps 4;

Db	1	ATTGGAAGTTGTTTTGCAACCTGGGCTTTTATACAGAAGAATACGAATCACAGGTGTGTG	60
Qy	293	ATTGGAAGTTGTTTTGCAACCTGGGCTTTTATACAGAAGAATACGAATCACAGGTGTGTG	352
Db	61	AGCATCTACTTAATTAATTTGCTTACAGCCGATTTCTGCTTACTCTGGCATTACCAGTG	120
Qy	353	AGCATCTACTTAATTAATTTGCTTACAGCCGATTTCTGCTTACTCTGGCATTACCAGTG	412
Db	121	AAAATTGTTGTTGACTTGGGTGTGGCACCTTGGAAGCTGAAGATATTCCACTGCCAAGTA	180
		:	
Qy	413	AAAATTGTTGTTGACTTGGGTGTGGCACCTTGGAARCTGAAGATATTCCACTGCCAAGTA	472
Db	181	ACAGCCTGCCTCATCTATATCAATATGTATTTATCAATTATCTTCTTAGCATTTGTCAGC	240
Qy	473	ACAGCCTGCCTCATCTATATCAATATGTATTTATCAATTATCTTCTTAGCATTTGTCAGC	532
Db	241	ATTGACCGCTGTCTTCAGCTGACACACAGCTGCAAGATCTACCGAATACAAGAACCCGGA	300
Qy	533	ATTGACCGCTGTCTTCAGCTGACACACAGCTGCAAGATCTACCGAATACAAGAACCCGGG	592
Db	301	TTTGCCAAAATGATATCAACCGTTGTGTGGCTAATGGTCCTTCTTATAATGGTGCCAAAT	360
Qy	593	TTTGCCAAAATGATATCAACCGTTGTGTGGCTAATGGTCCTTCTTATAATGGTGCCAAAT	652

Db 361 ATGATGATTCCCATCAAAGACATCAAGGAAAAGTCAAATGTGGGTTGTATGGAGTTTAAA 420
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 Qy 653 ATGATGATTCCCATCAAAGACATCAAGGAAAAGTCAAATGTGGGTTGTATGGAGTTTAAA 712
 |||
 Db 421 AAGGAATTTGGAAGAAATTGGCATTGCTGACAAATTCATATGTGTAGCAATATTTTAA 480
 |||
 Qy 713 AAGGAATTTGGAAGAAATTGGCATTGCTGACAAATTCATATGTGTAGCAATATTTTAA 772
 |||
 Db 481 AATTTCTCAGCCATCATTTTAATATCCAATTGCCTTGTAATTCGACAGCTCTACAGAAAC 540
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 Qy 773 AATTTCTCAGCCATCATTTTAATATCCAATTGCCTTGTAATTCGACAGCTCTACAGAAAC 832
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 Db 541 AAAGATAATGAAAATTACCCAAATGTGAAAAGGCTCTCATCAACATACTTTTAGTGACC 600
 |||
 Qy 833 AAAGATAATGAAAATTACCCAAATGTGAAAAGGCTCTCATCAACATACTTTTAGTGACC 892
 |||
 Db 601 ACGGGCTACATCATATGCTTTGTTCCCTTACCACATTGTCCGAATCCCGTATACCCTCAGC 660
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 Qy 893 ACGGGCTACATCATATGCTTTGTTCCCTTACCACATTGTCCGAATCCCGTATACCCTCAGC 952
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 Db 661 CAGACAGAAGTCATAACTGATTGCTCAACCAGGATTTCACTCTTCAAAGCCAAAGAGGCT 720
 |||
 Qy 953 CAGACAGAAGTCATAACTGATTGCTCAACCAGGATTTCACTCTTCAAAGCCAAAGAGGCT 1012
 |||
 Db 721 ACACTGCTCCTGGCTGTGTGCGAACCTGTGCTTTGATCCTATCCTGTACTATCACCTCTCA 780
 |||
 Qy 1013 ACACTGCTCCTGGCTGTGTGCGAACCTGTGCTTTGATCCTATCCTGTACTATCACCTCTCA 1072
 |||
 Db 781 AAAGCATTCCGCTCAAAGGTCAGTCTGAGACTTTTGCCTCMCCTAAAGAGACCAAGG-TYAG 839
 |||:|
 Qy 1073 AAAGCATTCCGCTCAAAGGTCAGTCTGAGACTTTTGCCTCACCTAAAGAGACCAAGGCTCAG 1132
 |||
 Db 840 AAAGAAAAATTAAGANGTGGAAATAATGGCTAAAAGACAGGNTTTTTT-GTGGTACCAATT 898
 |||
 Qy 1133 AAAGAAAAATTAAGATGTGAAAATAATGCATAAAAGACAGGATTTTTTGTGCTACCAATT 1192
 |||
 Db 899 CTGGGCTTTATGGGACCNTAAAGTTA-TTATAGCTTGGAAGGTAAAAAAAAAAAAA 953
 |||
 Qy 1193 CTGGCCTTACTGG-ACCATAAAGTTAATTATAGCTTTGAAAGATAAAAAAAAAAAAA 1247
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